

**IN THE SPECIFICATION:**

On page 1, after the title and between lines 2 and 3, insert the heading “Field of the Invention”.

On page 1, between lines 4 and 5, insert the heading “Background Art”.

On page 2, between lines 16 and 17, insert the heading “Summary of the Invention”.

On page 3, between lines 15 and 16 insert the following first heading, six paragraphs related to the drawings, and a second heading:

**Brief Description of the Drawings**

Reference is now made to the drawings accompanying the invention, wherein:

Figure 1 is a flowchart showing the recognition of symbols;

Figure 2 is a flowchart showing the recognition of components;

Figure 3 is a flowchart showing the recognition of reinforcement steel bars;

Figure 4 shows the position of sample points in a gravity field;

Figure 5 shows three bar strings and three annotation strings next to each other;

Fig 6 shows an enlarged section of a framing plan typical framing plan showing various elements.

**Description of the Preferred Embodiments**

On page 18, delete the paragraphs beginning on line 2 and ending on line 6.

On line 1, amend the paragraphs beginning on lines 7 and 12 as follows:

Figure 7 [[6]] shows [[a]] an enlargement of a portion of a typical framing plan drawing

~~which is a plan view of one floor in a building. Various graphical elements can be seen in the drawing such as columns (1), walls (2), beams (3), staircase (4) and slabs (5). The position of each of the elements is drawn by reference to a grid (50) and accordingly the first column in the drawing (1) is identified as G1 with another column identified as G2 [[A1]]. Subsequent columns are identified as B1, C1 etc.~~

~~Figure 7 is an enlarged section of the top right hand of the framing plan shown in Figure 6. From [[this]] the Figure 7 drawing various symbols such as slab marks (6) and section marks (8) can be seen. In addition a hole (7) i.e a box marked with an "X" can be seen. Various other holes are also illustrated in Figure 7 but these have not been marked.~~

Delete the two paragraphs beginning on lines 18 and 20.

Please amend the paragraph beginning on line 3 of page 17 as follows:

It can be seen from [[Figures 6-9]] Figure 7 that all graphical elements are represented by lines, dotted lines, arcs, text to show or imply information relating to the position, size and relationship of the different elements.